
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
12/11/08 – 12/17/08**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Placement of the geofabric material and the placement of the graded aggregate base on the south side between 17th Street and 18th Street.



Benning Rd Reconstruction
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EXECUTIVE SUMMARY

Project Description

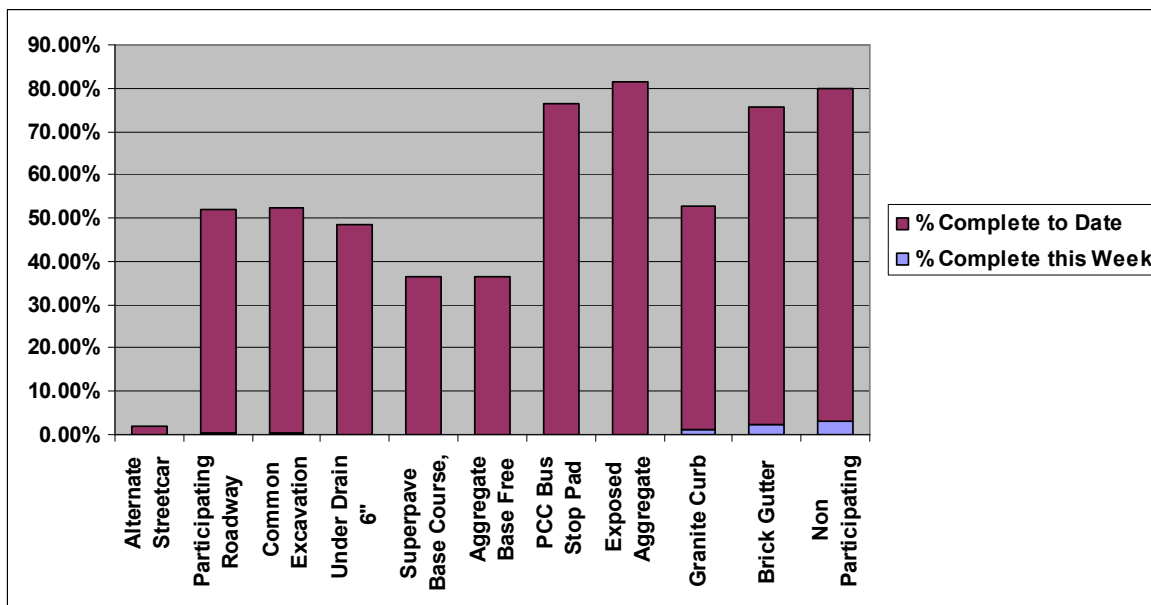
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



Issues and Resolutions:

- The proposed east bound track elevation at station 142+95 at the easternmost end of the project has an elevation that is approximately 4" above the existing roadway. The installation of the track elevations are sensitive and are to meet the proposed track design beyond the project limits. The Request for Information to the designer was posed on 12/1/08 for the proper transition method to meet the installation requirements. While the designer has a pending response, a possible resolution was posed by management on 12/10/08 to this issue, in not installing the approximately last 50 feet of track so that a gradual temporary transition can be installed to meet the existing roadway elevation.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18th Street and 19th Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but is expected by 12/31/08.

- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19th Street. Capitol began the removal and replacement of the north bound curb lane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.
- Work on the Starburst Area PEPCO distribution line construction, between 14th Street and 16th Street, is to start 12-8-08. The original project duration was from February 2009 to November 2009. The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- The PEPCO work on the Feederline Replacement and the delayed start of the PEPCO Starburst area work continues to delay progress of Roadway work. Production from Capital Paving has been reduced by 66% on a weekly basis due to the ongoing PEPCO work.

WORK PERFORMED

For the week ending December 17, 2008, the following specific construction progress has been made in the areas listed:

1. Thursday 12/11:

Capital Paving did not work during the day due to the rain.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench at 19th Street.

Night Shift:

Contractor began the shift at 10:00 PM for the scheduled water shutdown work. The Existing water leak visible at 18th Street stopped upon the shutdown of the water. The problem leakage appears to be a WASA problem on the existing watermain infrastructure that will be abandoned. WASA will further investigate the issue. After replacing the existing 12" watermain with new 12" main the WASA representative (inspector) stated that if the leak starts again the again WASA would investigate again.



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2. Friday 12/12:

Benning Road:

Installation of the brick gutter between 17th Street and 18th Street. Excavation of the 2" Copper Pipe connection from the 12" Ductile Iron Pipe to 1809 and 1811 Benning Road. Installation of the #7 conductor 14 AWG Stranded Electrical Traffic Signal Cable and the #4 Conductor 18 AWG Cable at Oklahoma Ave. 524 LF of #4 conductor cable and 652 #7 conductor cable installed. Installation of the #7 conductor 14AWG Stranded Electrical Traffic Signal Cable and the installation of #4 conductor 18 AWG at 26th Street. Installation of the #7 Conductor 14 AWG Stranded Electrical Traffic signal cable at 24th Street.

Note:

All 4-Way Traffic Signal Lights were out do to PEPCO power problem. MC Dean called to site to restore the power. Power restored with temporary generator until permanent correction was performed.

Starburst Plaza:

Continuation of the excavation work for Water main "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Washington Gas:

Continuation of the excavation work for the installation of the trenchline for the installation of the gas line.

Capitol Paving Removal/ Replacement of N/B Curblane:

Senate Asphalt milled down slow lane @ Northbound curblane to insure the proper 2" ride surface cover.

3. Saturday 12/13:

Benning Road:

Installation of the Lane Markings from 15th Street to 19th Street. Excavation of the existing roadway removal of the 16" diameter tree stump on the south side of 1700 Block. Maintenance of traffic placed at 19th Street. Continuation of the work of removal and replacement of the Existing Fire Hydrant on Watermain "A" at 20th Street.

4. Sunday 12/14:

No work completed.



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5. Monday 12/15:

Benning Road:

Excavation work, placement of the geofabric material and the placement of the graded aggregate base on the south side between 17th Street and 18th Street. Installation of the new fire hydrant on the south side between 17th Street and 18th Street. Installation of the 3 new Service connections from 12" watermain to 1813, 1815 and 1833 Benning Road. Placement of the geofabric and the placement of the graded aggregate base at the south west corner of 20th Street. Installation of the 250 Watt Teardrop for L#50 between 21st Street and 23rd Street. Installation of the 400 Watt Teardrop for L#61 at 24th Street. Installation of 1-400Watt Teardrop and the installation of the new 8" arm for L#74 and the removal of the 8' Arm and Luminaire from the existing wood pole on the north side between 21st Street and 23rd Street. Installation of 1-250 Watt Teardrop and the installation of the new 8" arm for L#76 and the removal of the 8' Arm and Luminaire from the existing wood pole on the north side between 25th Street and Oklahoma Ave. Painting work of the temporary PCC Barriers on the 1600 block. Placement of the temporary Asphalt on the 1500 block.

Bladensburg Rd / Morse Street North East Corner:

Placement of temporary Asphalt.

Starburst Plaza:

Installation of the Ductile Iron Pipe/ Backfill for Watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Work on the excavation of the trenching, hand digging around utilities between 17th Street and 20th Street.

Capitol Paving Removal/ Replacement of N/B Curblane:

Senate Asphalt completed placing 19mm Asphalt @ Various Locations.

6. Tuesday 12/16:

Benning Road:

Excavation, placement of geofabric and the placement of graded aggregate base on the south side between 17th Street and 18th Street. Installation of 3 new water service connections at 1803, 1805 and 1807 Benning Road on the south side between 18th Street and 19th Street. Excavation and preparation for the scheduled water shutdown on 12/17/08.



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Starburst Plaza:

Installation of the 12" ductile iron pipe/ 45 degree bend fittings for watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Washington Gas:

Excavation and backfill work at the south west corner of 17th Street. Continuation of the excavation work for the installation of the gas line and service connection work between 17th Street and 20th Street. Meeting with foreman to review the MOT plans for the intersection at 19th Street.

Capitol Paving Removal/ Replacement of N/B Curblane:

Placement of the temporary asphalt around all elevated manholes on the 3 sides of bus pads located at 24th Street and 26th Street and along the curb line to make ride surface more manageable. Contractor is preparing the opening of the north bound curb lane to traffic.

Wednesday 12/17:

Benning Road:

Excavation of the roadway at the south east corner of 17th Street. Placement of the geofabric material and the placement of the graded aggregate base between 17th Street and 18th Street. Relocation of the PCC Barriers at the east end of the project east of 26th Street. Excavation and the preparation of installation for the scheduled water shut down. Between 16th Street and 17th Street. Water service connections made at 1629, 1631 and 1633 Benning Road. Excavation of the roadway at the 1600 Block.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work. Began the excavation to locate the shutoff valve at the 19th Street intersection. When the valve is turned off the pressure may be released at the vault at 17+15. Transition of gas service from the old main to the new main will take place upon the release of the pressure. The old gas main pipe, at that time, will be abandoned and the new service will be operational.



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Utilities Reconstruction Update 12-17-08

PEPCO:

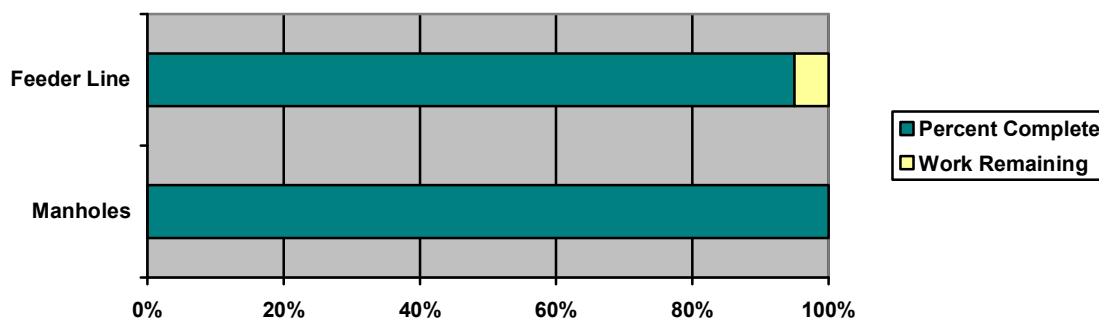
Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

PEPCO Feeder Line Replacement:

4000' total feeder	3800 feet complete	95% complete
6 Manholes total	6 completed	100% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days. The anticipated completion date is 12/24/08.



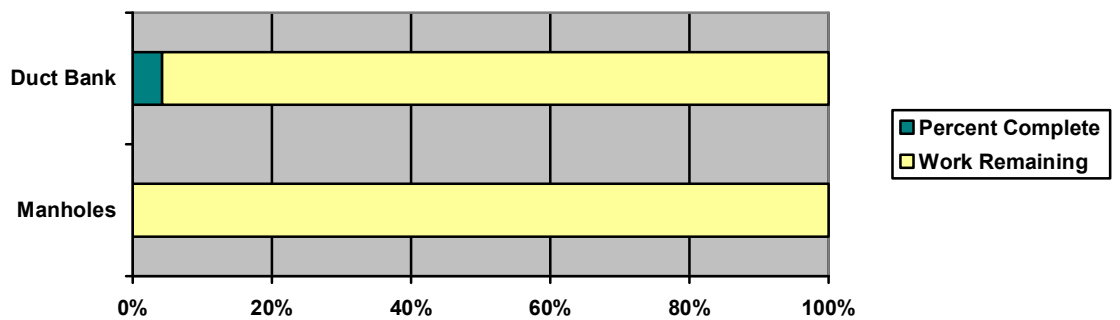
- 200 feet of feeder line was installed within this weekly report period

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

Starburst Distribution Line Duct Bank Construction:

Start: 11/24/08 Completion: 05/01/09

2363' total feet of ductbank 100 feet complete 4.23% complete
5 Manholes total 0 completed 0% complete

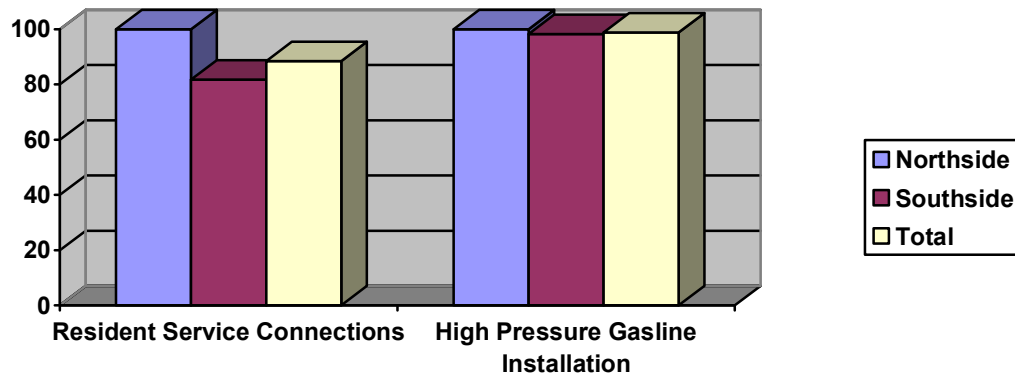


- 50 feet of duct bank completed in this report period.

Washington Gas:

Washington Gas continued the work on the south side gas main installation and connections on 10-14-08. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Washington Gas: Percent of Work Completed



Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Southside:

Completed Connections:	36	Total Connections	44	%Complete:	81.8%
Gas Main install complete:	3268'	Total Length	3325'	%Complete:	98.3%

Project Totals:

Completed Connections:	77	Total Connections	87	%Complete:	88.5%
Gas Main install complete:	4558'	Total Length	4615'	%Complete:	98.8%

Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19th Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26th Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 12-17-08 TO 12-31-08**

Bladensburg Rd. & Morse St

- **12-17-08 Continue to work on water main D (10 Days)**

17th & Benning S/S

- **12-17-08 Water main shut down for tie-in (1 night)**

15th & 16th and Benning Road S/S

- **12-18-08 water main shut down for tie-in (1 Night)**

21st & Benning Rd. to Metro Overpass

- **12-16-08 Switch traffic on north side to occupy the center area (2 days)**
- **12-18-08 Begin roadway excavation (10 Days)**

1600 and 1500 Block Benning Rd. S/S

- **12-20-08 Begin Water service replacements (3 Days)**

1600 Block Benning Rd.

- **12-17-08 Begin roadway excavation and installing aggregate base course (8 days)**

Nationwide Electrical Work

- **12-17-08 Continue setting and removing wooden poles arms with teardrops. (6 Days)**

Work for PEPCO on N/S

- **12-15-08 All work completed between Metro overpass and 21st St.**



Installation of Brick Gutter at 16th Street along Benning Road south curbline.



Installation of water service connections along Benning Road on the south side between 18th Street and 19th Street.



Installation of the temporary asphalt on Maryland Ave near the Starburst area.



Excavation work, placement of the geofabric material and the placement of the graded aggregate base on the south side between 17th Street and 18th Street.



Installation of the 24" Ductile Iron Pipe at Bladensburg Road/Morse Street/Maryland Ave North.



Milling down of the north curbline at 26th Street to insure the proper 2" ride surface cover.